



GENERAL MOTORS NORTH AMERICA  
Structure & Safety Integration

06F-079

October 2, 2006

Mr. Daniel C. Smith  
Associate Administrator for Vehicle Safety  
National Highway Traffic Safety Administration  
400 Seventh Street, S.W., Room 5321  
Washington, D.C. 20590

Dear Mr. Smith:

This is an update to an earlier notification pursuant to 49 CFR Part 579.11. General Motors Corporation notified NHTSA on August 11, 2005 of a decision to conduct a Safety Recall (GM number 05521) in Canada involving 2004 -2005 model year Chevrolet Aveo and Pontiac Wave model vehicles equipped with 1.6 L (L91 engines), for a throttle icing concern in certain humid, cold driving conditions. The Safety Recall involved vehicles that were manufactured and sold outside of the United States. General Motors Corporation sold substantially similar vehicles in the United States.

GM of Canada Ltd. has received reports of vehicles experiencing throttle icing conditions after receiving the field fix, launched in late 2005. A review of these vehicles determined that the service procedure was not performed correctly by dealer technicians. GM of Canada Ltd. has now decided to issue a new service procedure and will be notifying customers to have their vehicles inspected and repaired, to assure the field remedy performs correctly (GM number 06-515).

Please contact me if you have any further questions concerning this report.

Sincerely,

Gay P. Kent  
Director

Product Investigations

2005-0005 - 05521 - 06515  
Attachments

**Product Investigations**

Mail Code: 480-111-E18 • 30200 Mound Road • Warren, MI 48090-9010  
579 Letter 2005-0005 September 2006 Update.doc





GENERAL MOTORS NORTH AMERICA  
Structure & Safety Integration

August 11, 2005

Mr. Ron Medford  
Senior Administrator for Vehicle Safety  
National Highway Traffic Safety Administration  
400 Seventh Street, S.W., Room 5321  
Washington, D.C. 20590

Dear Mr. Medford:

The following information is submitted pursuant to the requirements of 49 CFR Part 579.11. General Motors Corporation has decided to conduct a Safety Recall in Canada involving 2004 -2005 model year Chevrolet Aveo and Pontiac Wave model vehicles equipped with 1.6 L (L91 engines).

This Safety Recall involves vehicles that were manufactured and sold outside of the United States. General Motors Corporation sold substantially similar vehicles in the United States. Please contact me if you have any further questions concerning this report.

Vehicles identified in this letter as "substantially similar" under the broad definition specified in 49 CFR Part 579, can have significant differences in design, performance, durability, etc. These vehicles may not be "substantially similar" except for purposes of reporting under 49 CFR Part 579.

Sincerely,

Gay P. Kent  
Director  
Product Investigations

2005-0005 - 05521  
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**GENERAL MOTORS CORPORATION**

**579.11 REPORT**

MANUFACTURER:	General Motors Daewoo Auto & Technology Company
MAKE:	Chevrolet and Pontiac
MODEL & YEAR:	Certain 2004-2005 Chevrolet Aveo and 2005 Pontiac Waves equipped the 1.6L (L91) engines.
NUMBER OF VEHICLES:	36,678 (Produced from 7/2003 to 7/2005)
ACTION TYPE DETERMINATION:	Safety Recall / Decision made by General Motors North America.
CONDITION:	General Motors of Canada Ltd. received reports that certain 2004 -2005 Chevrolet Aveo and 2005 Pontiac Waves equipped with a 1.6L (L91) engines had experienced throttle body icing in conditions where temperatures are near or below -20 degrees Celsius. Vehicles with this condition could have the throttle stick open after a cold soak or they can experience a frozen throttle while driving at a steady throttle opening.
CORRECTION:	Replacing PCV system with new parts that integrate with the coolant system to heat the PCV lines and avoid freezing.
DATE OF DETERMINATION:	August 5, 2005.
ACTION COMMENCED:	September 2005 (Tentative Schedule)
COUNTRIES INVOLVED:	Canada
SUBSTANTIALLY SIMILAR U.S. VEHICLE:	2005 Chevrolet Aveo
ADDITIONAL INFORMATION:	The majority of the 84 TAC cases reported to GM in Canada and the United States were rough idle at start up complaints. GM did not include the U.S. in this field action because the extreme cold and high humidity conditions necessary for throttle icing to occur, are rare, as reflected in the field experience. There have been 75 reported TAC incidents in Canada, for an IPTV of 2.12. There have been 9 reported TAC incidents in the U.S., for an IPTV of 0.08. There have been no reported accidents or injuries in the United States related to this condition. A technical service bulletin will be issued in the United States to address vehicles that exhibit rough idle during a cold start in extreme cold weather.

2005-0005 / 05521